

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/764,379
Source: IFW0
Date Processed by STIC: 2/16/05

ENTERED



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/764,379

DATE: 02/16/2005

TIME: 11:24:22

Input Set : A:\6356USC1 SEQUENCE LISTING.TXT
 Output Set: N:\CRF4\02162005\J764379.raw

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4 <110> APPLICANT: Abbott Laboratories
5      Henkin, Jack
6      Haviv, Fortuna
7      Bradley, Michael F.
8      Kalvin, Douglas M.
9      Schneider, Andrew J.
11 <120> TITLE OF INVENTION: PEPTIDE ANTIANGIOGENIC DRUGS
14 <130> FILE REFERENCE: 6356.US.C1
C--> 16 <140> CURRENT APPLICATION NUMBER: US/10/764,379
17 <141> CURRENT FILING DATE: 2004-01-23
19 <150> PRIOR APPLICATION NUMBER: US 09/447,226
20 <151> PRIOR FILING DATE: 1999-11-22
22 <150> PRIOR APPLICATION NUMBER: US 09/316,888
23 <151> PRIOR FILING DATE: 1999-05-21
25 <150> PRIOR APPLICATION NUMBER: US 60/126,546
26 <151> PRIOR FILING DATE: 1999-03-26
28 <150> PRIOR APPLICATION NUMBER: US 60/086,536
29 <151> PRIOR FILING DATE: 1998-05-28
31 <160> NUMBER OF SEQ ID NOS: 6
33 <170> SOFTWARE: FastSEQ for Windows Version 4.0
35 <210> SEQ ID NO: 1
36 <211> LENGTH: 10
37 <212> TYPE: PRT
38 <213> ORGANISM: Artificial Sequence
40 <220> FEATURE:
41 <223> OTHER INFORMATION: Antiangiogenetic Peptide
W--> 43 <221> NAME/KEY: VARIANT
44 <222> LOCATION: (1)...(1)
45 <223> OTHER INFORMATION: Xaa = Ala, Asn, Cit, Gln, Glu, NEtGly, Met,
46      N-methylalanyl, Pro, pyro-Glu, Sar, Ser, or Thr at
47      position 1
W--> 49 <221> VARIANT
50 <222> LOCATION: (2)...(2)
51 <223> OTHER INFORMATION: Xaa = Ala, Asn, Asp, Gln, Glu, Leu, Met, Phe, Pro,
52      or Ser at position 2
W--> 54 <221> VARIANT
55 <222> LOCATION: (3)...(3)
56 <223> OTHER INFORMATION: Xaa = Ala, Asn, Cit, Cha, Chg, Gln, Glu, Gly, Ile,
57      Leu, Met, Nva, Phe, Ser, tButylgly, Thr, Val, Pen,
58      or Cys at position 3
W--> 60 <221> VARIANT
61 <222> LOCATION: (4)...(4)
62 <223> OTHER INFORMATION: Xaa = alloIle, Gly, Ile, Pro, or dehydroleu at

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63 position 4
W--> 65 <221> VARIANT
 66 <222> LOCATION: (5)...(5)
 67 <223> OTHER INFORMATION: Xaa = Ala, 3-Pal, 1-Nal, 2-Nal, allo-threonyl,
 68 allylgly, Gln, Gly, His, Hser, Ile, Lys(Ac), Met,
 69 Nva, Octylgly, Orn, Phe(4-CH₂OH), Pro, Ser, Thr,
 70 Trp, Tyr, Pen, or Cys at position 5
W--> 72 <221> VARIANT
 73 <222> LOCATION: (6)...(6)
 74 <223> OTHER INFORMATION: Xaa = Ala, 1-Nal, 2-Nal, 3-Pal, Abu, allylgly,
 75 Arg, Asn, Asp, Cit, Cha, Gln, Glu, Gly, His,
 76 Homoala, Hle, Hser, Ile, Leu, Lys(Ac), Lys(Isp),
 77 at position 6
W--> 79 <221> VARIANT
 80 <222> LOCATION: (6)...(6)
 81 <223> OTHER INFORMATION: 6 Cont'd:
 82 Xaa = Met(O₂), Met(O), Met, Nor, Nva, Octygly,
 83 Phe, Phe(4-CONH₂), Propargylgly, Ser, Thr, Trp,
 84 Tyr, Val, Pen, or Cys at position 6
W--> 86 <221> VARIANT
 87 <222> LOCATION: (7)...(7)
 88 <223> OTHER INFORMATION: Xaa = Ala, Allylgly, Asn, Cit, Chg, Gln, Gly,
 89 Hser, Ile, alloIle, Leu, Lys(Ac), Met, 1-Nal,
 90 2-Nal, Nva, Phe, Pro, Ser, tButylgly, Trp, Tyr,
 91 Val, Pen, or Cys at position 7
W--> 93 <221> VARIANT
 94 <222> LOCATION: (8)...(8)
 95 <223> OTHER INFORMATION: Xaa = Aminopyrimidinobutanoyl, Ala(3-guanidino),
 96 Ala(3-pyrrolidinylamidino), Ala[4-Pip(N-amidino)],
 97 Arg, arginyl(NGNG'diethyl), Cit, Cha(4-NIsp),
 98 Gly[4-pip(N-amido)], at position 8
W--> 100 <221> VARIANT
 101 <222> LOCATION: (8)...(8)
 102 <223> OTHER INFORMATION: 8 Cont'd:
 103 Xaa = His, Harg, Lys, Lys(Ile), Lys(Nic), Norarg,
 104 Orn(Isp), Orn(Nic), Orn(2-imidazo),
 105 Phe(4-CH₂NHisp), Phe(4-guanidino), or Phe(4-NIsp)
W--> 106 at position 8
W--> 108 <221> VARIANT
 109 <222> LOCATION: (9)...(9)
 110 <223> OTHER INFORMATION: Xaa = Abu, Aib, homoprolyl, hydroxyprolyl, Ile,
 111 Leu, Phe, Pro, Ser, tButylgly, Tic, Thr, or Val at
 112 position 9
W--> 114 <221> VARIANT
 115 <222> LOCATION: (10)...(10)
 116 <223> OTHER INFORMATION: Xaa = azaglycylamide, glycylamide,
 117 glycylethylamide, sarcosylamide, serylamide at
 118 position 10
W--> 120 <400> 1

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W--> 121 Xaa
122 1 5 10
125 <210> SEQ ID NO: 2
126 <211> LENGTH: 9
127 <212> TYPE: PRT
128 <213> ORGANISM: Artificial Sequence
130 <220> FEATURE:
131 <223> OTHER INFORMATION: Antiangiogenetic peptide
W--> 133 <221> NAME/KEY: VARIANT
134 <222> LOCATION: (1)...(1)
135 <223> OTHER INFORMATION: Xaa = sarcosyl at position 1
W--> 137 <221> VARIANT
138 <222> LOCATION: (6)...(6)
139 <223> OTHER INFORMATION: Xaa = norvaline at position 6
W--> 141 <400> 2
W--> 142 Xaa Gly Val Ile Thr Xaa Ile Arg Pro
143 1 5
146 <210> SEQ ID NO: 3
147 <211> LENGTH: 9
148 <212> TYPE: PRT
149 <213> ORGANISM: Artificial Sequence
151 <220> FEATURE:
152 <223> OTHER INFORMATION: Antiangiogenetic peptide
W--> 154 <221> NAME/KEY: VARIANT
155 <222> LOCATION: (1)...(1)
156 <223> OTHER INFORMATION: Xaa = sarcosyl at position 1
W--> 158 <221> VARIANT
159 <222> LOCATION: (6)...(6)
160 <223> OTHER INFORMATION: Xaa = norvaline at position 6
W--> 162 <400> 3
W--> 163 Xaa Gly Val Gly Thr Xaa Ile Arg Pro
164 1 5
167 <210> SEQ ID NO: 4
168 <211> LENGTH: 9
169 <212> TYPE: PRT
170 <213> ORGANISM: Artificial Sequence
172 <220> FEATURE:
173 <223> OTHER INFORMATION: Antiangiogenetic peptide
W--> 175 <221> NAME/KEY: VARIANT
176 <222> LOCATION: (1)...(1)
177 <223> OTHER INFORMATION: Xaa = sarcosyl at position 1
W--> 179 <221> VARIANT
180 <222> LOCATION: (4)...(4)
181 <223> OTHER INFORMATION: Xaa = allo-isoleucyl at position 4
W--> 183 <221> VARIANT
184 <222> LOCATION: (6)...(6)
185 <223> OTHER INFORMATION: Xaa = norvaline at position 6
W--> 187 <400> 4
W--> 188 Xaa Gly Val Xaa Thr Xaa Ile Arg Pro

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189 1 5
192 <210> SEQ ID NO: 5
193 <211> LENGTH: 9
194 <212> TYPE: PRT
195 <213> ORGANISM: Artificial Sequence
197 <220> FEATURE:
198 <223> OTHER INFORMATION: Antiangiogenetic peptide
W--> 200 <221> NAME/KEY: VARIANT
201 <222> LOCATION: (1)...(1)
202 <223> OTHER INFORMATION: Xaa = sarcosyl at position 1
W--> 204 <221> VARIANT
205 <222> LOCATION: (4)...(4)
206 <223> OTHER INFORMATION: Xaa = dehydroleucyl at position 4
W--> 208 <221> VARIANT
209 <222> LOCATION: (6)...(6)
210 <223> OTHER INFORMATION: Xaa = norvaline at position 6
W--> 212 <400> 5
W--> 213 Xaa Gly Val Xaa Thr Xaa Ile Arg Pro
214 1 5
217 <210> SEQ ID NO: 6
218 <211> LENGTH: 11
219 <212> TYPE: PRT
220 <213> ORGANISM: Artificial Sequence
222 <220> FEATURE:
223 <223> OTHER INFORMATION: Antiangiogenetic Peptide
W--> 225 <221> NAME/KEY: VARIANT
226 <222> LOCATION: (1)...(1)
227 <223> OTHER INFORMATION: Xaa = R-(CH₂)_n-C(O)- where R is N-acetyl amino at
228 position 1
W--> 230 <221> VARIANT
231 <222> LOCATION: (2)...(2)
232 <223> OTHER INFORMATION: Xaa = Sar at position 2
W--> 234 <221> VARIANT
235 <222> LOCATION: (5)...(5)
236 <223> OTHER INFORMATION: Xaa = AlloIle, dehydroleu, Gly, Ile or Pro at
237 position 5
W--> 239 <221> VARIANT
240 <222> LOCATION: (6)...(6)
241 <223> OTHER INFORMATION: Xaa = Ala, 3-Pal, 1-Nal, 2-Nal, allo-threonyl,
242 allylgly, Gln, Gly, His, Hser, Ile, Lys(Ac), Met,
243 Nva, Octylgly, Orn, Phe(3-CH₂OH), Pro, Ser, Thr,
244 Trp, Tyr, Pen or Cys at position 6
W--> 246 <221> VARIANT
247 <222> LOCATION: (7)...(7)
248 <223> OTHER INFORMATION: Xaa = Ala, 1-Nal, 2-Nal, 3-Pal, Abu, allylgly,
249 Arg, Asn, Asp, Cit, Cha, Gln, Glu, Gly, His,
250 Homoala, Hle, Hser, Ile, Leu, Lys(Ac), Lys(Isp),
251 at position 7
W--> 253 <221> VARIANT

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254 <222> LOCATION: (7)...(7)

255 <223> OTHER INFORMATION: 7 Con'td:

256 Xaa = Met(O₂), Met(O), Met, Nor, Nva, Octygly,
257 Phe, Phe(4-CONH₂), Proparglygly, Ser, Thr, Trp,
258 Tyr, Val, Pen, or Cys at position 7

W--> 260 <221> VARIANT

261 <222> LOCATION: (11)...(11)

262 <223> OTHER INFORMATION: Xaa = Azaglycylamide, glycylamide,
263 glycylethylamide, sarcosylamide, serylamide at
264 position 11

W--> 266 <400> 6

W--> 267 Xaa Xaa Gly Val Xaa Xaa Xaa Ile Arg Pro Xaa

268 1 5 10

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 02/16/2005
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 1,2,3,4,5,6,7,8,9,10
Seq#:2; Xaa Pos. 1,6
Seq#:3; Xaa Pos. 1,6
Seq#:4; Xaa Pos. 1,4,6
Seq#:5; Xaa Pos. 1,4,6
Seq#:6; Xaa Pos. 1,2,5,6,7,11

VERIFICATION SUMMARY

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Input Set : A:\6356USC1 SEQUENCE LISTING.TXT

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L:16 M:270 C: Current Application Number differs, Replaced Current Application Number
L:43 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:49 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1
L:54 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1
L:60 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1
L:65 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1
L:72 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1
L:79 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1
L:86 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1
L:93 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1
L:100 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1
L:106 M:259 W: Allowed number of lines exceeded, <223> Other Information:
L:108 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1
L:114 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1
L:120 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1
L:121 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:133 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:137 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2
L:141 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2
L:142 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:154 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:158 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3
L:162 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3
L:163 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:175 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:179 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:4
L:183 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:4
L:187 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:4
L:188 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:200 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:204 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:5
L:208 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:5
L:212 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:5
L:213 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:225 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:230 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:6
L:234 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:6
L:239 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:6
L:246 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:6
L:253 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:6
L:260 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:6
L:266 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:6
L:267 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0